EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE

I.   **EXAMINER'S AMENDMENT:**

An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37

CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no

later than the payment of the Issue Fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mr. James R. Riegel (Reg. No. 36,651) on 08/10/2010.

The application has been amended as follows:

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1.   (Currently amended) A system <u>including at least one processor</u> for publishing a

message using a page builder tool, the page builder tool for creating and providing a

web page having web page information for publication on a web browser and linking

the web page to a searchable database such that search results from the searchable

database are included in the web page information published in the web page, the

system comprising:

a message caching agent for receiving the message, the message being provided

by a user and being separate from the web page information;

a message cache coupled to the message caching agent for storing the message,

the message cache receiving the message from the message caching agent, the message

cache being a local cache for the page builder tool; [[and]]

a message publishing agent coupled to the message cache and the page builder

tool, the message publishing agent for retrieving the message from the message cache

and allowing the message to be published in the web page on a web browser using the

page builder tool, wherein the message publishing agent allows the message to be

published in the web page on the web browser by pushing the message to the web

browser using the page builder tool such that the message is published in the web page

using the page builder tool independently of the publishing of the web page

information by the page builder tool<u>; and</u>

<u>a message publishing macro definition coupled to the page builder tool, wherein</u>

<u>the page builder tool provides the web page to the web browser and processes the</u>

<u>message publishing macro definition provided for the web page, wherein the message</u>

publishing macro definition causes the message publishing agent to retrieve the message

from the message cache and push the message to the web browser, wherein the message

is published in the web page without the web browser having to refresh the web page,

wherein the message publishing macro definition includes an applet for retrieving

the message from the message publishing agent and publishing the message when the

message publishing macro definition is processed by the page builder tool.

2.   (Cancelled)

3.   (Original) The system of claim 1, wherein the message publishing agent is a

servlet.

4. - 5. (Cancelled)

6.   (Previously Presented) The system of claim 1, further comprising: a message

publishing tool for allowing a user to create the message and provide the message to the

message caching agent, the message not being in a web page format, and being one of a

system status report and a notice to users of the searchable database, wherein the user

providing the message is an administrator of the web page.

7.   (Currently amended) A method for publishing a message using a page builder

tool, the page builder tool for creating and providing a web page having web page

information for publication on a web browser and linking the web page to a searchable

database such that search results from the searchable database are included in the web

page information published in the web page, the method comprising:

receiving a message ~~from a user~~ by a message caching agent, the message being

provided by a user and being separate from the web page information;

storing the message in a message cache connected to the page builder tool using

[[a]] the message caching agent, the message cache being a local cache for the page

builder tool; and

utilizing a message publishing agent to retrieve the message from the message

cache and publish the message in the web page on a web browser using the page builder

tool, wherein the ~~publishing further includes~~ message publishing agent allows the

message to be published in the web page on the web browser by pushing the message to

the web browser using the page builder tool such that the message is published in the

web page using the page builder tool independently of the publishing of the web page

information by the page builder tool,

~~utilizing the message publishing agent to push the message to the web browser~~

~~using the page builder tool such that the message is published in the web page using the~~

~~page builder tool independently of the publishing of the web page information by the~~

~~page builder tool~~

wherein the retrieving and publishing step further includes the steps of:

triggering the message publishing agent to retrieve and publish the message using a

message publishing macro definition coupled to the page builder tool, wherein the page

builder tool provides the web page to the web browser and processes the message

publishing macro definition provided for the web page, wherein the message publishing

macro definition causes the message publishing agent to retrieve the message from the

message cache and push the message to the web browser, wherein the message is

published in the web page without the web browser having to refresh the web page, and

     wherein the message publishing macro definition includes an applet that retrieves

the message from the message publishing agent and publishes the message when the

message publishing macro definition is processed by the page builder tool.

8.   (Previously Presented) The method of claim 7, wherein the message from the

message cache is broadcast in all web pages created by the page builder tool.

9.   (Cancelled)

10.   (Previously Presented) The method of claim 7, wherein the message publishing

agent is a servlet.

11. -12. (Cancelled)

13.   (Previously Presented) The method of claim 7, further comprising the step of:

     allowing a user to create the message and provide the message to a message

caching agent using a message publishing tool, the message not being in a web page

format, and being one of a system status report and a notice to users of the searchable

database, wherein the user providing the message is an administrator of the web page.

14.   (Currently amended) A <u>non-transitory</u> computer-readable <u>storage</u> medium

containing a program for publishing a message using a page builder tool, the page

builder tool for creating and providing a web page having web page information for

publication on a web browser and linking the web page to a searchable database such

that search results from the searchable database are included in the web page

information published in the web page, the program including instructions for:

receiving a message ~~from a user~~ <u>by a message caching agent</u>, the message being

provided by a user and being separate from the web page information;

storing the message in a message cache connected to the page builder tool using

[[a]] <u>the</u> message caching agent, the message cache being a local cache for the page

builder tool<u>; and</u>

utilizing a message publishing agent to retrieve the message from the message

cache and publish the message in the web page on a web browser using the page builder

tool, the ~~publishing further includes~~ <u>message publishing agent allows the message to be</u>

<u>published in the web page on the web browser by pushing the message to the web</u>

<u>browser using the page builder tool such that the message is published in the web page</u>

<u>using the page builder tool independently of the publishing of the web page information</u>

<u>by the page builder tool,</u>

~~utilizing the message publishing agent to push the message to the web browser~~
~~using the page builder tool such that the message is published in the web page using the~~
~~page builder tool independently of the publishing of the web page information by the~~
~~page builder tool~~

wherein the retrieving and publishing instructions further include instructions for:

triggering the message publishing agent to retrieve and publish the message using
a message publishing macro definition coupled to the page builder tool, wherein the page
builder tool provides the web page to the web browser and processes the message
publishing macro definition provided for the web page, wherein the message publishing
macro definition causes the message publishing agent to retrieve the message from the
message cache and push the message to the web browser, wherein the message is
published in the web page without the web browser having to refresh the web page, and

wherein the message publishing macro definition includes an applet that retrieves
the message from the message publishing agent and publishes the message when the
message publishing macro definition is processed by the page builder tool.

15.   (Currently amended) The non-transitory computer-readable storage medium of
claim 14, wherein the message is one of a system status report and a notice to users of the
searchable database.

16.   (Cancelled)

17.   (Currently amended) The <u>non-transitory</u> computer-readable <u>storage</u> medium of claim 14, wherein the message publishing agent is a servlet.

18. – 19. (Cancelled)

20.   (Currently amended) The <u>non-transitory</u> computer-readable <u>storage</u> medium of claim 14, further comprising the step of:

allowing a user to create the message and provide the message to a message caching agent using a message publishing tool, the message not being in a web page format, wherein the user providing the message is an administrator of the web page.

21.   (Currently amended) The system of claim 1, wherein the message <u>publishing agent</u> allows the message to be published on the web browser through the page builder tool in response to a request from the web browser.

22.   (Previously Presented) The method of claim 7, wherein the retrieving and publishing step further includes the step of:

publishing the message on the web browser through the page builder tool in response to a request from the web browser.

23.   (Currently amended) The <u>non-transitory</u> computer-readable <u>storage</u> medium of

claim 14, wherein the retrieving and publishing instructions further includes instruction

for:

publishing the message on the web browser through the page builder tool in

response to a request from the web browser.

II.   **REASONS FOR ALLOWANCE:**

Claims 1, 3, 6-8, 10, 13-15, 17, and 20-23 are allowed.

The following is an examiner's statement of reasons for allowance:

Interpreting the claims in light of the specification, Examiner finds the claimed

invention is patentably distinct from the prior art of record.

The prior art does not expressly teach or render obvious the invention as recited in

independent Claims 1, 7, and 14.

The features as recited in independent Claims 1, 7, and 14 "*retrieving the message*

from the message cache and publish the message in the web page on a web browser

using the page builder tool, wherein the message publishing agent allows the message

to be published in the web page on the web browser by pushing the message to the web

browser using the page builder tool such that the message is published in the web page

using the page builder tool independently of the publishing of the web page

information by the page builder tool, wherein the retrieving and publishing step

further includes the steps of: triggering the message publishing agent to retrieve and

publish the message using a message publishing macro definition coupled to the page

builder tool, wherein the page builder tool provides the web page to the web browser

and processes the message publishing macro definition provided for the web page,

wherein the message publishing macro definition causes the message publishing agent

to retrieve the message from the message cache and push the message to the web

browser, wherein the message is published in the web page without the web browser

having to refresh the web page, and wherein the message publishing macro definition

includes an applet that retrieves the message from the message publishing agent and

publishes the message when the message publishing macro definition is processed by

the page builder tool", when taken in the context of the Claims as a whole, were not

uncovered in the prior art teachings.

The Examiner asserts that the claims overcome the prior art of record when the

limitations are read in combination with the respective claimed limitations in their

entirety.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than
the payment of the issue fee and, to avoid processing delays, should preferably
accompany the Issue Fee. Such submissions should be clearly labeled "Comments
on Statement of Reasons for Allowance."

Contact information

III.   Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Maikhanh Nguyen whose telephone number is (571)
272- 4093. The examiner can normally be reached on Monday - Friday from 9:00am
– 30 pm. If attempts to reach the examiner by telephone are unsuccessful, the
examiner's supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is
assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent
Application Information Retrieval (PAIR) system. Status information for published
applications may be obtained from either Private PAIR or Public PAIR. Status
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more information about the PAIR system, see http://pair-direct.uspto.gov. Should you
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Customer Service Representative or access to the automated information system, call

800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MaiKhanh Nguyen/

Examiner, Art Unit 2176

/Laurie Ries/
Primary Examiner
Technology Center 2100
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